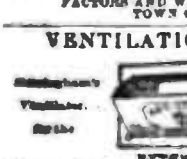
AUSTIN'S IMPERIAL

PATENT SASH and BLIND LINE,

can be obtained of all

FACTORS AND WHOLESALE HOUSES IN TOWN OR COUNTRY.

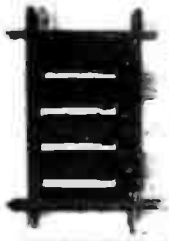
VENTILATION—PURE AIR.



Cunningham's Ventilator, for the admission of pure air through the EXTERNAL WALL.

With the regulator, from 6s. each; with leading pulley, from 8s. 6d. Thousands are now in use, and the following requisite quantities of air may be obtained for the use of any apartment without the slightest draught being perceptible to the occupants, under the ordinary circumstances of pressure of wind, by using the regulator when the wind is blowing, and the ventilator without the regulator when the wind is not blowing:—Ventilators, 1 to 4 feet, 1 foot; 4 to 8 feet, 2 feet; 8 to 12 feet, 3 feet; 12 to 16 feet, 4 feet; 16 to 20 feet, 5 feet; 20 to 24 feet, 6 feet; 24 to 28 feet, 7 feet; 28 to 32 feet, 8 feet; 32 to 36 feet, 9 feet; 36 to 40 feet, 10 feet; 40 to 44 feet, 11 feet; 44 to 48 feet, 12 feet.

MOORE'S PATENT MOVEABLE GLASS VENTILATOR.



For Windows, Partitions, Stabling, Greenhouses, &c. and for ventilation made to any Size and Pattern from 16s. and upwards.

The greatest amount of ventilation is obtained without draught, and it can be adjusted to any quantity.

For removing steam from windows, and smoke from rooms, it is most effectual.

List of Prices may be obtained by application.

N.B. A Working Model forwarded by post, upon receipt of 10s. which will be returned upon receipt of Model.

Ventilators on an improved principle for Chimneys, Air Flues, &c.

MAKE FACTORY, 18 and 20, Cockspur-street, London.

Church and House Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China. Number of Church Clocks made by the above Firm, 400; ditto House Clocks, 18,000.

NOIRSAIN'S VENTILATING GRATES and STOVES.—A long sought-for desideratum, at last obtained. Great Economy in Fuel.—Entire Prevention of Smoking in Chimneys, and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors submit the attention of the public and scientific men to the patent apparatus, the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. K. KIDD, Agent.

WARMING by HOT WATER.—J. WEEKS and CO. Kingsland, Chelsea.—A great variety of plain and ornamental specimens, consisting of Pedestals, and Stands of Pipes for vestibules, Churches, Mansions, Warehouses, Offices, Drying-rooms, Conservatories, &c. &c.—To be seen in extensive operation on our Premises at Chelsea, and also at Mr. STOCKER'S extensive ironware establishment, Holborn-street, Hyde-park-corner.

WARMING and VENTILATING.—COTTAM and HALLEN, 8, Windsor-street, Oxford-street, having had thirty years' experience, and having warmed by the circulation of hot water upwards of FOUR THOUSAND BUILDINGS, consisting of Churches, Private, Lunatic Asylums, Halls and Stations, Galleries, Conservatories, Forcing-houses, &c. &c. with confidence recommend their system, which, by the recent improvements they have made has PERFECTED THE CONSTRUCTION AND REDUCED THE EXPENSE. Greenhouses, Conservatories, Verandahs, constructed entirely of iron or wood, and of iron and wood combined. Estimates upon application.

COTTAM and HALLEN, Engineers and Ironfounders, 8, Windsor-street, Oxford-street, London.

STEPHENSON and PEILL, 61, Gracechurch-street, London, and 17, New Park-street, Southwark, Manufacturers of COPPER CYLINDRICAL and improved CONICAL IRON BOILERS, and Conservatory and Hot-house Builders, either in wood or iron, respectfully call the attention of the nobility, gentry, and tradesmen to their simple but efficacious method of warming Conservatories and other buildings by Hot Water. From the extensive works they have executed, references of the highest respectability can be given, and full particulars furnished on application.

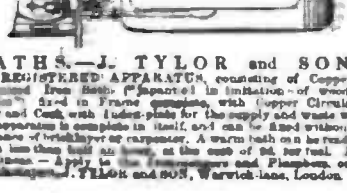
CALORIFERE.—Gold Medal at the Paris Exhibition, 1849.—Patent Apparatus for Heating and Ventilating, by Hot Air only, every description of buildings, and for economical employment of materials, linens, and cloths. The following are the results:—

No. 1, burning 2 lb. of coal per hour, produces } 10,000 cubic feet of Hot Air, 200 Fahr.
No. 2, burning 10 lb. of coal per hour, produces } 50,000 " " "
No. 3, burning 40 lb. of coal per hour, produces } 200,000 " " "

The stoves have without being at 20, Fahr. J. BOILEVE, Civil Engineer, specialist for all the above named results; he shows every day at his Consulting house the smallest number, as well as that of persons who have given him the most flattering testimonials of its efficiency and cheapness: among them, MM. Vincent de Gisors, Architects to Paris; Kuchlin, Brothers, Delfrasnay, Grenadier Rousse, Schlumberger, Hartmann, Spinners, Manufacturers, &c. Apply to J. BOILEVE, 147, Fenchurch-street, London.—To be seen on Monday, Wednesday, and Friday.

NEW HOUSES of PARLIAMENT.—DEFIENNE'S GAS STOVES, RANGES, and BATHS just completed for two kitchens in the above building. A good market is stock upon the super principle. GAS BATHS from 7l. by which a warm bath may be obtained for three halfpence!—Ironware for the Office, 147, Fenchurch-street; Manufactories removed from 16, Hampstead-road, and 27, St. Martin's-lane, to more extensive premises in the New-road, St. Pancras.

A PERFECT GAS BATH: Boggett's Patent.— To be seen at 19, Little-street, Leicester-square. Also his Patent Gas Boiler for the new system of cooking by gas, and various portable gas-heating apparatus of unparalleled utility for domestic and manufacturing purposes. Fifteen gallons of water can be kept boiling in an ordinary copper for three farthings per hour.



BATHS.—J. TYLOR and SON'S REGISTERED APPARATUS, consisting of Copper or Galvanized Iron Baths (Patented in imitation of wooden or marble) fixed in Frame complete, with Copper Circulating Boiler and Cock, with Index-plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less time than half an hour, at the cost of 2d. per bath. Prices 16 guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

RAIN-WATER PIPES, O.G and Half-round [illegible] Weights, Baths, Stoves, Ranges, &c. [illegible] largest stock [illegible] and other [illegible] very best quality. [illegible] JOHN BRIDGE [illegible] Iron Bridge.

LOEW, WILSON, and BEELL, NEWCASTLE-ON-TYNE, Manufacturers of Bar Iron, Railway Plate, Forge and Engine Work, Cast-iron Goods, and STEWART'S PATENT CAST-IRON GAS and WATER-PIPES. Offices, No. 7, Size-lane, London.

NAILS and IRONMONGERY, from BIRMINGHAM direct. Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the LOWEST PRICES, by [illegible] THE BLACK BLUE, [illegible] BIRMINGHAM, on sale, Grasscharch-street, LONDON.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street, Finsbury square, respectfully invites the above Trades to the inspection of his immense stock of ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 42s. per cwt., and upwards.
Register Stoves, 4ft. 6d. 5ft. 6d. 6ft. 7½d. per foot.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright finish—
5 ft., 2l. 10s.; 3 ft. 6 in., 2l. 2s.; 4 ft., 2l. 12s.
3-foot Cottage Ranges, with oven and back boiler, 42s. each.
3-foot self-acting ditto, ditto, 55s. each.
Air Bricks, 2s. 6d. per doz.
1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp					
1½	1¾	2	2½	3 inch and larger.
14s. 6d.	16s.	17s.	18s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 32s. Ditto, Scotch, 32s. per cwt.

Best Patent Sash Lines					
1	2	3	4	5	6
6d.	8s. 6d.	8s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 128, Shoreditch.

Improved Self-acting Cottage Ranges, with Large Oven and Boiler ..... { 30 in. 35s. 36 in. 38s. 40 in. 45s. 48 in. 50s.
Best Self-acting Ranges, with Oven and Back Boiler, Bright, Wrought Bars ... { 34 in. 3l. 40s. 40 in. 4l. 10s. 48 in. 5l. 10s.
Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 9d.
Register Stoves, with Solid Bars, per inch, 8d. Best Solar ditto, with Fire Brick Back, per inch, 10d.
Bright Stoves, with Two Fires, 30s. to 40s. each.
Cast Rain-water Pipe { 9 in. 9d. 10d. 3 inch. 1s. per yard.
Cast Gutters—4 inch, 8d. per yard.
O. G. Gutters ..... { 4 in. 11d. 4½ inch. 1s. per yard.

Best Cut Clasp and Rose	1½	1¾	2	2½	3 inch.
	14s. 6d.	16s.	17s. 6d.	18s. 6d.	12s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 12s. 6d. Cast Lath, 5s. 6d.

Patent Line	3	4	5	6	
	4d.	5d.	7d.	8d.	1s. per knot.

4-inch 3-Bolt Bed Ward Bottles, with best Furniture and Patent Spindles, 5s. each. Light Elliptic and Register Metal, 12s. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
An extensive stock of iron, red, brass, and sheet iron.
Clark and Hunt's Improved Glass Paper.

LATEST and GREATEST IMPROVEMENT in KITCHEN RANGES or COOKING APPARATUSES, combining Economy and Efficiency. More than Eight Thousand of PLAVEL'S PATENT KITCHENERS have been fixed in various parts of the United Kingdom, to help by the recommendation of partaters who have adopted them without the aid of advertising or other agencies; and it was the only Kitchen Grate in the whole world to which the Jury of the Great Exhibition awarded a First Prize, with medal of special approbation.

The Range as patterned during the Great Exhibition, may be seen at S. PLAVEL'S London Depôt, 71, Jermyn-street, St. James's; or at the Manufactory, Augusta-place, Leamington Priors, Warwickshire.

Testimonials and Plans forwarded free, on application to the Manufactory, Leamington.

TO BUILDERS AND OTHERS

IRON RAILING.—TO BE SOLD cheap, about 200 Feet of IRON COPING and RAILING BARS. The bars are 3ft. 6inches long by 1 diameter. The coping in lengths of about 4 feet 6 inches each. Also about 70 lengths of 4-inch Rain Water Pipe.—Apply A. B. 7, Pratt, Westbourne-road, City-road.

PRIZE MEDAL of the Great Exhibition, 1851, to HART and SON, MANUFACTURING IRONMONGERS, for the excellence of their DOOR FURNITURE and FINGER PLATES.

HART and SON, invite the attention of Architects, Builders, and others to the superior quality of their DOOR FURNITURE in PLAIN and DECORATED CHINA, CRYSTAL, AMBER, and OPAL GLASS, EBONY, MAPLE, BUFFALO HORN, &c. &c. and to the adaptations resulting from the use of it, by her mounted with PITT'S PATENT SELF-ADJUSTING SPINDLES, applicable to doors of any thickness without alteration.

HART and SON also invite attention to their stock of LOCKS, Mortise, Rim, Cabinet, &c. BRASS FOUNDRY and BELL HANGING materials and GENERAL IRONMONGERY, and especially to their DR. ARNOTT'S VENTILATING CHIMNEY VALVE, to the manufacture of which they give particular attention. They have in Stock a great variety of Grates and Stoves of finish, the prices of which may be obtained on application at their MANUFACTORY, 33, 34, and 35, WYCH-STREET, STRAND.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO. 64 and 65, Bridgewater-street, Lambeth, where a great variety may always be viewed for church, park, railroad, omnibuses, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Commercial hinges adapted for dressing-rooms, &c.; door fitted with them may be removed and replaced in an instant. Rising and self-shutting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent axle-trees, carter-mills, &c.

CHURCH BELLS of the highest quality of tone and finish, at 1s. per lb. Peals of bells recast and augmented. Hemes bells, with turned edges and wrought-iron clappers, at 10d. per lb. Clocks at proportionately reduced prices.—Apply to BARRETT and OSBORNE, Bishopsgate Foundry, Shoreditch-street, London.

TO BELLHANGERS, IRONMONGERS, GASFITTERS, PEWTERERS, AND THE METAL TRADES IN GENERAL.

RICHARD EVERED, Nos. 10, 11, and 12, Charles-street, Long Acre, London, manufacturer and keeps in stock, at his Brass Foundry and General Metal Warehouse as above, Brass Corrodes Poles, Rings, and Brackets, Lacquered Gas Tube for picture-rods, window-rods, &c. &c.; House-bells, and Zinc tube; Gas Brackets, Pendants, Tin Pipe, and Gas Joints of all descriptions. Castings to pattern in brass, hard and gun metal. Brass Castings in the rough of gas joints, brackets, &c. kept in stock, and every requisite for gasfitters, &c.

PUMPS on HIRE!!!—TO CONTRACTORS, BUILDERS, AND OTHERS.—The largest STOCK in [illegible] of SINGLE and DOUBLE PUMPS, of a superior [illegible] 4 inch to double 14-inch barrel, and prepared for [illegible] kept in the most perfect order, ready for [illegible] terms, of BENJAMIN FOWLERS Engine, [illegible] Apparatus Manufactory, Whitefriars, [illegible] London. Hand-engine Frames of various [illegible] any depth, made on the most improved [illegible]

FARM AND COTTAGE PUMPS.

PATENT CAST-IRON PUMPS, for the use of Farms, Cottages, Manure Tanks, and Shallow Wells.

Patent Pump £1 15 0
Patent Pump, with 15 feet of lead pipe attached, pump handle and nuts ready for fixing 2 0 0

Improvement patented.

May be obtained of any Iron Ironmonger in Town or Country, or of the Patentees and Manufacturers

JOHN WARNER and SONS, 8, Cornhill, Jewin-street, London.

Every description of Machinery for Raising Water, Fire, Engines, &c.

The usual allowance to the Trade.

JOHN WARNER and SONS, CRESCENT, JEWIN STREET, LONDON, MANUFACTURERS OF FIRE ENGINES, GARDEN ENGINES AND SYRINGES.

Galvanized Iron Tub Garden Engine, with Warner's Registered Sprinkler, strongly recommended for durability and low price, viz. 3l.

May be obtained of any Ironmonger in Town and Country.

ARTESIAN WELLS, Boring for Water, Sinking Shafts, &c.—The Nobility, Gentry, Water Companies, Town, Poor-law Unions, Public Baths, Breweries, Distilleries, Paperworks, Manufacturers of every description, may be SUPPLIED with any quantity by DAVID GREENLEY, Civil Engineer, and patentee of boring tools, 18, Camming-street, Pentonville, London, who having had upwards of twenty years' experience, is enabled to give the most satisfactory and highly praiseworthy references. Pumps and machinery of every description for raising water from deep wells, boring tools, with suitable pipes, for exportation, with instructions. Men and tools supplied to bore for railroads, tramroads, &c.

FOUNDRY and IRON WORKS,

48, DRURY-LANE, and CHARLES-STREET, DRURY-LANE

GLOVER, BROS.,

solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornaments, Gearings and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pistons, Ladles, and Steam-engines; Rain and Hot-gate Metal. An improved Sash Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O.G Gutters, Air bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 50 per cent. cheaper than Terra cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Bars, Boot-jacks and Scraping Rollers, Tanks and Boilers, and every description of ironwork to specification, and the work executed with every attention to quality and despatch.

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IRON FOUNDRY, 89, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES, having made great additions to his STOCK of PATTERNS, hops to inform the Trade that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Gearings, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Pistons, &c.

BAKERS' OVEN WORK, Peels, Bushes and Trowels, Rain Water Pipes and Gutters, Bath Weights, Furnace Bars, Stove Hinges, &c. always in stock.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes and for every purpose; detect locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c. is simple, not to get out of repair, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOK-CASES, CHESTS, &c. made entirely of strong wrought iron, so as effectually to resist the falling of brickwork, timber, &c. in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

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A large assortment on hand at LEADBEATER'S MANUFACTORY, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Warehouseman for Chubb.

TO IRONMASTERS, RAILWAY DIRECTORS, ENGINEERS, and FOUNDERS.—The Subscriber, having been appointed SOLE AGENT in LONDON for the SALE of Mr. MORRIS STIRLING'S PATENT IRON, hops to intimate that he is prepared to supply Railway Companies, Engineers, and Founders, with the PATENT MALLEABLE and TOUGHENED CAST-IRON, and that all orders addressed to him for these, and also for RAILS, with hardened surfaces, shall have his prompt attention. Specimens of the different irons shown, and every information afforded on application. Information as to the terms of licence under Mr. Stirling's Patents will be given by the Subscriber, and also by Mr. J. BR. C.E. 6, John-street, Adelphi.

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